

Lab program 6

student.java

```
package CIE;
import java.util.Scanner;
public class student
{
    public String usn, name;
    public int sem;
}
```

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internals.java

```
package CIE;
import java.util.Scanner;
public class Internals extends student
{
    public int cie[] = new int[5];
    Scanner get = new Scanner(System.in);
```

```
    public void geti()
```

```
    {
        System.out.println("Enter details");
        System.out.println("USN");
        usn = get.next();
        System.out.println("NAME");
        name = get.next();
        System.out.println("SEM");
        sem = get.next();
    }
```



```
system.out.println ("CIE MARKS");  
for (int i = 0; i < 5; i++)  
{  
    system.out.println (cie[i]);  
    system.out.println ("SEE:");  
}  
}
```

Externals.java

```
package SEE;  
import CIE.*;  
import java.util.Scanner;  
  
public class Externals extends CIE.student  
{  
    public int see[] = new int[5];  
    Scanner get = new Scanner (system.in);  
  
    public void getm ()  
    {  
        for (int i = 0; i < 5; i++)  
        {  
            system.out.println ("Subject" + (i+1));  
            see[i] = get.nextInt();  
        }  
    }  
  
    public void dispem ()  
    {  
        for (int i = 0; i < 5; i++)  
        {  
            system.out.println (see[i]);  
        }  
    }  
}
```


marks.java

```
import java.util.Scanner;
import CIE.*;
import SEE.*;
```

class marks

```
{ public static void main(String args[])
{ scanner get = new Scanner(System.in);
  int n;
  System.out.println("Enter the students");
  n = get.nextInt();
  CIE.Internals ints [] = new CIE.internals[n];
  ents[i] = new
  SEE.Externals ents [] = new SEE.Externals[n];
  for (int i = 0; i < n; i++)
  { ints[i] = new CIE.Internals();
    ents[i] = new SEE.Externals();
    ints[i].geti();
    System.out.println("SEE marks");
    ents[i].getm();
  }
  for (int i = 0; i < n; i++)
  { ints[i].dispi();
    int total = 0;
    ents[i].dispm();
    for (int j = 0; j < 5; j++)
    { total = total + ints[i].cie[j] + ents[i].see[j];
    }
    System.out.println("Total marks" + total);
  }
}
```